

REC'D 7-18-01
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Ciba



July 17, 2001

Mr. Frank Battaglia (2 copies)
USEPA Region I
Office of Site Remediation and Restoration (HBT)
JFK Federal Building
Boston, MA 02203

RCRA RECORDS CENTER
FACILITY Ciba Corp
ID. NO. RID001194323
FILE LOC. R-2
OTHER _____

Re: Quarterly Progress Report for April, May, and June 2001
Ciba Specialty Chemicals, 180 Mill Street, Cranston, RI 02905
EPA ID RID001194323

Dear Mr. Battaglia:

As required by the modified Consent Decree (CD) of September 28, 1992, I am submitting a stabilization progress report for the second quarter of 2001.

1.0 SUMMARY

Stabilization Plan (IRM)

- **Contaminated groundwater in the Production Area (AOC 13)** -- The groundwater extraction wells 110, 120, and 130 and the pretreatment system are operating at acceptable rates. However, pumping rates are declining indicating pump cleaning and or replacement is required.

Due to a main sewer line failure the treatment system including all SVE equipment was off-line May 16th through June 11, 2001.

Since initiation on September 29, 1995, the groundwater stabilization pretreatment plant has processed approximately 177.7 million gallons of contaminated groundwater meeting the permit wastewater discharge limits for the City of Cranston, Rhode Island.

- **Soil in the Production Area (SWMU 11)** -- The SVE and Thermal Oxidizer continued to operate according to engineering design.



2.0 DISCUSSION

Sewer Line Failure

Due to a force main sewer line failure the treatment system including all SVE equipment was off-line May 16th through June 11, 2001. Approximately 130 feet of the main sewer line was crushed and or full of tree roots. A total of approximately 400 feet of the old clay piping was excavated and replaced with SCH 80 PVC piping.

Groundwater Treatment System

Process Engineers & Constructors, Inc., will be installing a new SCH 40 S/S header and lateral piping for the three extraction wells in the near future. Temporary piping will be utilized in order to maintain minimal pumping capacities during the construction phase. We expect to have the replacement completed by the end of July.

Heavy iron buildup in the pump and piping system seem to be the major problem in sustaining acceptable long-term flow rates. During the upcoming header replacement the three extraction well pumps will be removed, cleaned, and or replaced, and ready for operation when the header work is complete.

SVE/Thermal Oxidizer

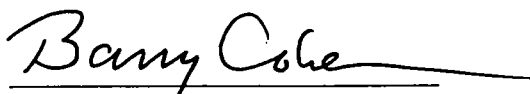
The SVE and Thermal Oxidizer continued to operate as designed with wells VE 1, 2, 3, 9, 10, and 11 on line through May 15th. All necessary mechanical, automation and instrumentation work pertaining to SVE has been completed.

3.0 SCHEDULE OF ACTIVITIES

- Continue monthly monitoring of the SVE unit.
- Perform quarterly groundwater sampling at the vapor extraction wells September 2001.
- Perform semiannual groundwater monitoring in September 2001.

If you have questions or need additional information, please contact me at 732 914-2537 or fax 732 914-2909.

Sincerely,



Barry Cohen
Projector Coordinator

Attachment: 1

Monthly Report Distribution List

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